Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
Data File : BP002403.D
Acq On : 12 Jun 2020 18:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 12 19:00:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	212044	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	901061	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	533295	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1114728	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1038576	20.00	ng	0.00
86) Perylene-d12	23.30	264	1139083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	934171	81.52	ng	0.00
7) Phenol-d6	6.78	99	1302241	85.35	ng	0.00
23) Nitrobenzene-d5	8.73	82	1270631	84.21	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	402343	78.80	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2437460	76.85	ng	0.00
79) Terphenyl-d14	19.59	244	3321582	80.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	214851	40.702	ng	99
3) Pyridine	3.54	79	644961	44.955	ng	99
4) n-Nitrosodimethylamine	3.46	42	255588	43.230	ng	98
6) Aniline	6.92	93	890037	42.895	ng	100
8) 2-Chlorophenol	7.16	128	537064	41.682	ng	97
9) Benzaldehyde	6.73	77	344663	43.945	ng	98
10) Phenol	6.80	94	714295	43.167	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	588139	42.571	ng	97
12) 1,3-Dichlorobenzene	7.48	146	600863	40.498	ng	98
13) 1,4-Dichlorobenzene	7.62	146	607315	40.684	ng	99
14) 1,2-Dichlorobenzene	7.94	146	581810	40.688	ng	98
15) Benzyl Alcohol	7.83	79	507371	42.906	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	825896	42.132	ng	99
17) 2-Methylphenol	8.04	107	520146	43.018	ng	99
18) Hexachloroethane	8.66	117	225918	41.543	ng	94
19) n-Nitroso-di-n-propylamine	8.40	70	444410	43.578	ng	97
20) 3+4-Methylphenols	8.37	107	699594	42.872	ng	96
22) Acetophenone	8.40	105	841596	41.573	ng	99
24) Nitrobenzene	8.78	77	684502	42.203	ng	99
25) Isophorone	9.30	82	1276544	41.541	ng	99
26) 2-Nitrophenol	9.48	139	300449	41.571	ng	98
27) 2,4-Dimethylphenol	9.56	122	473653	41.775	ng	96
28) bis(2-Chloroethoxy)methane	9.79	93	756494	41.330	ng	100
29) 2,4-Dichlorophenol	10.02	162	512478	40.153	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	560401	39.390	ng	100
31) Naphthalene	10.41	128	1668050	39.847	ng	100
32) Benzoic acid	9.72	122	357102	39.142	ng	97
33) 4-Chloroaniline	10.52	127	746274	40.836	ng	100
34) Hexachlorobutadiene	10.71	225	326695	39.350	ng	97
35) Caprolactam	11.29	113	181220	40.257	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	568248	41.149	ng	98
37) 2-Methylnaphthalene	12.03	142	1182270	39.791	ng	98
38) 1-Methylnaphthalene	12.26	142	1116901	40.050	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	575564	40.942	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	304198	40.702 ng	96
43) 2,4,6-Trichlorophenol	12.66	196	403699	40.577 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	472558	41.019 ng	98
46) 1,1'-Biphenyl	13.06	154	1414674	40.476 ng	99
47) 2-Chloronaphthalene	13.10	162	1158185	40.511 ng	100
48) 2-Nitroaniline	13.30	65	397640	43.570 ng	96
49) Acenaphthylene	13.96	152	1842758	40.384 ng	100
50) Dimethylphthalate	13.70	163	1444488	39.530 ng	99
51) 2,6-Dinitrotoluene	13.82	165	321785	40.549 ng	94
52) Acenaphthene	14.30	154	1094248	40.935 ng	99
53) 3-Nitroaniline	14.14	138	366816	40.481 ng	99
54) 2,4-Dinitrophenol	14.35	184	174357	38.759 ng	97
55) Dibenzofuran	14.64	168	1707355	39.671 ng	99
56) 4-Nitrophenol	14.47	139	286908	39.878 ng	98
57) 2,4-Dinitrotoluene	14.61	165	436582	40.417 ng	98
58) Fluorene	15.29	166	1242564	36.706 ng	94
59) 2,3,4,6-Tetrachlorophenol	14.87	232	360465	39.416 ng	100
60) Diethylphthalate	15.09	149	1431596	39.100 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	653825	38.349 ng	97
62) 4-Nitroaniline	15.32	138	347663	39.931 ng	96
63) Azobenzene	15.59	77	1527660	41.916 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	246160	41.847 ng	96
66) n-Nitrosodiphenylamine	15.51	169	1171683	41.146 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	436154	41.303 ng	96
68) Hexachlorobenzene	16.31	284	463002	41.319 ng	98
69) Atrazine	16.47	200	368432	39.661 ng	97
70) Pentachlorophenol	16.65	266	274719	40.978 ng	98
71) Phenanthrene	17.04	178	2146241	41.159 ng	99
72) Anthracene	17.13	178	2148430	41.475 ng	99
73) Carbazole	17.40	167	2108936	41.385 ng	100
74) Di-n-butylphthalate	17.99	149	2417711	40.091 ng	100
75) Fluoranthene	19.02	202	2502601	40.207 ng	100
77) Benzidine	19.20	184	937488	40.397 ng	98
78) Pyrene	19.37	202	2591172	40.731 ng	98
80) Butylbenzylphthalate	20.27	149	1120756	39.632 ng	98
81) Benzo(a)anthracene	21.09	228	2375657	40.074 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	871616	39.563 ng	99
83) Chrysene	21.14	228	2254826	40.146 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1628443	39.587 ng	100
85) Di-n-octyl phthalate	21.91	149	2804718	38.873 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2918310	40.961 ng	100
88) Benzo(b)fluoranthene	22.64	252	2467734	40.173 ng	100
89) Benzo(k)fluoranthene	22.69	252	2423476	41.523 ng	98
90) Benzo(a)pyrene	23.20	252	2323298	40.359 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	2373815	41.537 ng	99
92) Benzo(g,h,i)perylene	26.19	276	2382386	40.249 ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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